

**DECLARATION AND POWER OF ATTORNEY FOR
PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**APPARATUS AND METHOD OF WORDLINE/BITLINE
REDUNDANCY CONTROL USING SHIFT REGISTERS IN AN SRAM**

the specification of which (check one)

 X is attached hereto.

_____ was filed on _____
as Application Serial No. _____
and was amended on _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, ' 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, ' 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):	Priority Claimed
_____	_____ Yes _____ No
(Number)	(Country) (Day/Month/Year)

I hereby claim the benefit under Title 35, United States Code, ' 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, ' 112, I acknowledge the duty to disclose information material to the patentability of this application as defined in Title 37, Code of Federal Regulations, ' 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

_____	_____	_____
(Application Serial #)	(Filing Date)	(Status)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

John W. Henderson, Jr., Reg. No. 26,907; James H. Barksdale, Jr., Reg. No. 24,091; Thomas E. Tyson, Reg. No. 28,543; Robert M. Carwell, Reg. No. 28,499; Jeffrey S. LaBaw, Reg. No. 31,633; Douglas H. Lefevre, Reg. No. 26,193; Casimer K. Salys, Reg. No. 28,900; David A. Mims, Jr., Reg. No. 32,708; Mark E. McBurney, Reg. No. 33,114; Leslie A. Van Leeuwen, Reg. No. 42,196; Christopher A. Hughes, Reg. No. 26,914; John E. Hoel, Reg. No. 26,279; Marilyn S. Dawkins, Reg. No. 31,140, and Cynthia S. Byrd, Reg. No. 39,365, each associated with PTO Customer No. 32,320; and

Gregory W. Carr, Reg. No. 31,093; Theodore F. Shiells, Reg. No. 31,569; George M. Tompkins, Reg. No. 50,729; and Alan A.R. Cooper, Reg. No. 51,217, each associated with PTO Customer No. 21,029.

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and direct all telephone calls to (214) 760-3000.

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INVENTORS SIGNATURE: Toru Asano **DATE:** June 19, 2003

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Third

FULL NAME OF ~~SECOND~~ INVENTOR: Takaaki Nakazato

INVENTORS SIGNATURE: _____ DATE: _____

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FULL NAME OF ~~FOURTH~~ INVENTOR: ~~Osamu~~ Takahashi

INVENTORS SIGNATURE: *Osamu Takahashi* DATE: *June 19, 2003*

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Round Rock, Texas 78681-2725

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FULL NAME OF SOLE OR FIRST INVENTOR: Toru Asano

INVENTORS SIGNATURE: _____ DATE: _____

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Second

FULL NAME OF ~~THIRD~~ INVENTOR: Sang Hoo Dhong

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FULL NAME OF ~~SECOND~~ INVENTOR: Takaaki Nakazato

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